

ROLLING BEARING**Publication number:** JP7027139**Publication date:** 1995-01-27**Inventor:** MURAKAMI YASUO; SEKINO KAZUO; MITAMURA NOBUAKI**Applicant:** NIPPON SEIKO KK**Classification:**

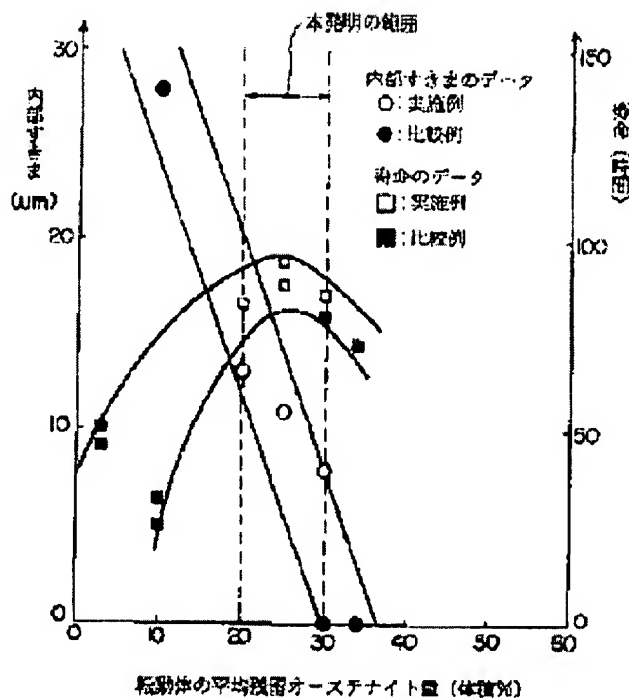
- International: C21D9/40; C22C38/00; C22C38/18; C23C8/32; F16C33/32; F16C33/62; C21D9/40; C22C38/00; C22C38/18; C23C8/06; F16C33/30; F16C33/62; (IPC1-7): F16C33/62; C21D9/40; C22C38/00; C22C38/18; C23C8/32; F16C33/32

- European:**Application number:** JP19940098926 19940512**Priority number(s):** JP19940098926 19940512; JP19930111950 19930513

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Abstract of JP7027139

PURPOSE: To provide a rolling bearing by which both excellent dimensional stability and the long rolling service life can be held under conditions where a temperature is high and a foreign matter is mixed in lubricant in the bearing. **CONSTITUTION:** When prescribed heat treatment is applied to an inner ring, an outer ring and a rolling body composed of alloy steel containing C by 0.10 to 1.00 weight %, Cr by 0.50 to 3.00 weight %, Si by 0.15 to 1.00 weight % and Mn by 0.20 to 1.50 weight % at respective ratios, an average residual austenite quantity of the inner ring among the inner ring and the outer ring can be set not more than 4 volume %, and an average residual austenite quantity of the rolling body can be set in 20 to 30 volume %.



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